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FIG. 1

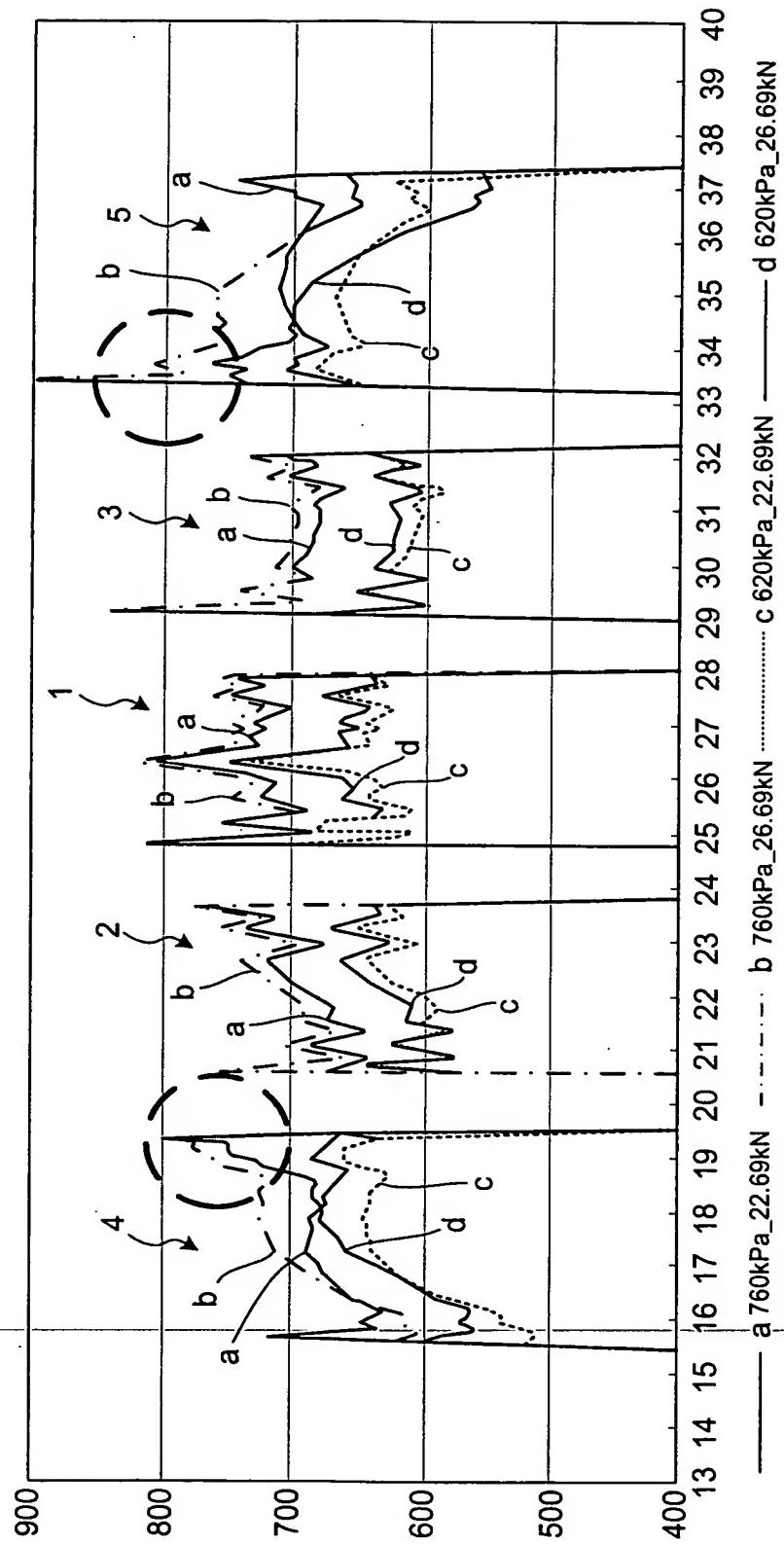
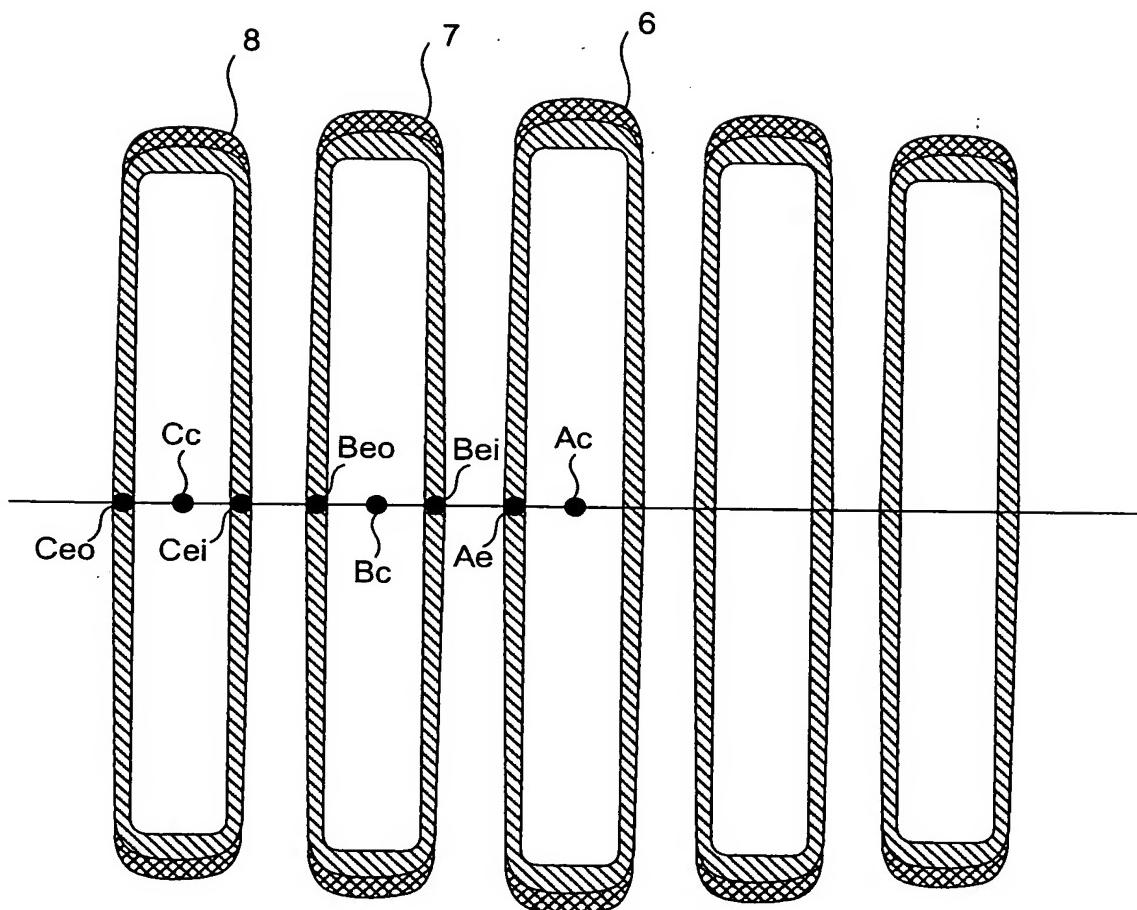


FIG.2

	INNER GROOVE ANGLE	OUTER GROOVE ANGLE	RIB SURFACE BUFFING SHAPE
FIRST COMPARATIVE EXAMPLE	U 10°	V 20°	-
CONVENTIONAL PRODUCT	V 20°	V 20°	-
FIRST EXAMPLE	U 10°	U 0°	-
SECOND EXAMPLE	U 10°	U 10°	-
THIRD EXAMPLE	U 10°	U -10°	-
SECOND COMPARATIVE EXAMPLE	U 10°	U 10°	RIB SURFACE CONCAVE (SMALL)
THIRD COMPARATIVE EXAMPLE	U 10°	U 10°	RIB SURFACE CONCAVE (LARGE)
FOURTH COMPARATIVE EXAMPLE	U 10°	U 10°	RIB SURFACE CONVEX (SMALL)
FIFTH COMPARATIVE EXAMPLE	U 10°	U 10°	RIB SURFACE CONVEX (LARGE)

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FIG.3



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FIG. 4  
 ☆ : STEPPED WEAR  
 ★ : RAILWAY WEAR

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	CENTER RIB	SECOND RIB		SHOULDER RIB		
	Ae/Ac	Bei/Bc	Beo/Bc	Cei/Cc	Ceo/Cc	OCCURRENCE OF UNEVEN WEAR
FIRST COMPARATIVE EXAMPLE	0.88	0.90	1.03★	★1.13	0.88	BOTH OUTER GROOVE EDGES→ RAILWAY WEAR
FIRST CONVENTIONAL EXAMPLE	0.97	1.00	1.03★	★1.13	0.88	BOTH OUTER GROOVE EDGES→ RAILWAY WEAR
FIRST EXAMPLE	0.88	0.90	0.85	0.92	0.86	NONE
SECOND EXAMPLE	0.88	0.90	0.95	0.95	0.88	NONE
THIRD EXAMPLE	0.88	0.90	0.80	0.90	0.85	NONE
SECOND COMPARATIVE EXAMPLE	1.00	1.00	1.00★	★1.00	1.00	BOTH OUTER GROOVE EDGES→ RAILWAY WEAR
THIRD COMPARATIVE EXAMPLE	1.05★	★1.05	1.09★	★1.23	1.20☆	SHOULDER RIB OUTER EDGE→ STEPPED WEAR ALL OTHER RIB EDGES→ RAILWAY WEAR
FOURTH COMPARATIVE EXAMPLE	0.80	0.80	0.75	0.80	0.81☆	SHOULDER RIB OUTER EDGE→ STEPPED WEAR
FIFTH COMPARATIVE EXAMPLE	0.75★	★0.75	0.68★	★0.76	0.59☆	SHOULDER RIB OUTER EDGE→ STEPPED WEAR ALL OTHER RIB EDGES→ RAILWAY WEAR
	(0.80 TO 1.00)	(0.80 TO 1.00)	(0.75 TO 0.95)	(0.80 TO 0.95)	(0.85 TO 1.00)	